

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 09/710,4440
Source: IFW16
Date Processed by STIC: 4/14/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 04/14/2006

PATENT APPLICATION: US/09/710,444D

TIME: 11:10:35

Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt

Output Set: N:\CRF4\04142006\I710444D.raw

6 <110> APPLICANT: Riechmann, Lutz
 8 Kristensen, Peter
 10 Jestin, Jean-Luc
 12 Winter, Gregory
 16 <120> TITLE OF INVENTION: Selection System
 20 <130> FILE REFERENCE: 8039/1090
 24 <140> CURRENT APPLICATION NUMBER: 09/710,444D
 C--> 26 <141> CURRENT FILING DATE: 2000-11-10
 30 <150> PRIOR APPLICATION NUMBER: GB 9810223.9
 32 <151> PRIOR FILING DATE: 1998-05-13
 36 <150> PRIOR APPLICATION NUMBER: GB 9810228.8
 38 <151> PRIOR FILING DATE: 1998-05-13
 42 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01526
 44 <151> PRIOR FILING DATE: 1999-05-13
 48 <160> NUMBER OF SEQ ID NOS: 80
 52 <170> SOFTWARE: PatentIn version 3.1
 56 <210> SEQ ID NO: 1
 58 <211> LENGTH: 17
 60 <212> TYPE: PRT
 62 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:
 68 <223> OTHER INFORMATION: Synthetic linker peptide sequence with protease recognition
 sites
 69 .
 71 <220> FEATURE:
 73 <221> NAME/KEY: MISC_FEATURE
 75 <222> LOCATION: (1)..(17)
 77 <223> OTHER INFORMATION: Synthetic linker peptide sequence with protease recognition
 sites
 81 <400> SEQUENCE: 1
 83 Pro Ala Gly Leu Ser Glu Gly Ser Thr Ile Glu Gly Arg Gly Ala His
 84 1 5 10 15
 87 Glu
 91 <210> SEQ ID NO: 2
 93 <211> LENGTH: 57
 95 <212> TYPE: DNA
 97 <213> ORGANISM: Artificial Sequence
 101 <220> FEATURE:
 103 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
 105 <220> FEATURE:
 107 <221> NAME/KEY: misc_feature
 109 <222> LOCATION: (1)..(57)
 111 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
 115 <400> SEQUENCE: 2

116 ggcaccctca gaacggtacc ccaccctcag aggccggctg ggccgccacc ctcagag

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119 <210> SEQ ID NO: 3
121 <211> LENGTH: 89
123 <212> TYPE: DNA
125 <213> ORGANISM: Artificial sequence
129 <220> FEATURE:
131 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
133 <220> FEATURE:
135 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (1)..(89)
139 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
143 <400> SEQUENCE: 3
144 ggtggcggcc cagccggcct ttctgagggg tcgactatag aaggacgagg gccacgcgaa      60
146 ggaggtgggg tacccttc tgagggtgg                                     89
149 <210> SEQ ID NO: 4
151 <211> LENGTH: 89
153 <212> TYPE: DNA
155 <213> ORGANISM: Artificial sequence
159 <220> FEATURE:
161 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
163 <220> FEATURE:
165 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (1)..(89)
169 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
173 <400> SEQUENCE: 4
174 ccacctcag aaggggtac ccacctct tcgtggggc ctcgtccttc tatagtcgac      60
176 ccctcagaaa ggccggctgg gccgccacc                                     89
179 <210> SEQ ID NO: 5
181 <211> LENGTH: 24
183 <212> TYPE: DNA
185 <213> ORGANISM: Artificial sequence
189 <220> FEATURE:
191 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
193 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (1)..(24)
199 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
203 <400> SEQUENCE: 5
204 gcgatggttg ttgtcattgt cggc                                          24
207 <210> SEQ ID NO: 6
209 <211> LENGTH: 24
211 <212> TYPE: DNA
213 <213> ORGANISM: Artificial sequence
217 <220> FEATURE:
219 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
221 <220> FEATURE:
223 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (1)..(24)
227 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
231 <400> SEQUENCE: 6

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232 aaaagaaacg caaagacacc acgg                                24
235 <210> SEQ ID NO: 7
237 <211> LENGTH: 23
239 <212> TYPE: DNA
241 <213> ORGANISM: Artificial sequence
245 <220> FEATURE:
247 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
249 <220> FEATURE:
251 <221> NAME/KEY: misc_feature
253 <222> LOCATION: (1)..(23)
255 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
259 <400> SEQUENCE: 7
260 cctcctgagt acggtgatac acc                                23
263 <210> SEQ ID NO: 8
265 <211> LENGTH: 24
267 <212> TYPE: DNA
269 <213> ORGANISM: Artificial sequence
273 <220> FEATURE:
275 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones.
277 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
281 <222> LOCATION: (1)..(24)
283 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
287 <400> SEQUENCE: 8
288 gtaaattcag agactgcgct ttcc                                24
291 <210> SEQ ID NO: 9
293 <211> LENGTH: 26
295 <212> TYPE: DNA
297 <213> ORGANISM: Artificial sequence
301 <220> FEATURE:
303 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones.
305 <220> FEATURE:
307 <221> NAME/KEY: misc_feature
309 <222> LOCATION: (1)..(26)
311 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
315 <400> SEQUENCE: 9
316 attttcggtc atagccccct tattag                                26
319 <210> SEQ ID NO: 10
321 <211> LENGTH: 65
323 <212> TYPE: DNA
325 <213> ORGANISM: Artificial sequence
329 <220> FEATURE:
331 <223> OTHER INFORMATION: Synthetic PCR primer recognizing FLAG tag nucleotide
sequence.
333 <220> FEATURE:
335 <221> NAME/KEY: misc_feature
337 <222> LOCATION: (1)..(65)
339 <223> OTHER INFORMATION: Synthetic PCR primer recognizing FLAG tag nucleotide
sequence
343 <400> SEQUENCE: 10
344 caaacgggcg gccgcagact acaaggatga cgacgacaag gaaactgttg aaagttgttt    60

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```

346 agcaa 65
349 <210> SEQ ID NO: 11
351 <211> LENGTH: 51
353 <212> TYPE: DNA
355 <213> ORGANISM: Artificial sequence
359 <220> FEATURE:
361 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in
recombinant cl
362     ones.
364 <220> FEATURE:
366 <221> NAME/KEY: misc_feature
368 <222> LOCATION: (1)..(51)
370 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in
recombinant cl
371     ones
375 <400> SEQUENCE: 11
376 cccctcagaa aggccggctg ggccgccgcc agcattgaca ggaggttcag g 51
379 <210> SEQ ID NO: 12
381 <211> LENGTH: 52
383 <212> TYPE: DNA
385 <213> ORGANISM: Artificial sequence
389 <220> FEATURE:
391 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in
recombinant cl
392     ones.
394 <220> FEATURE:
396 <221> NAME/KEY: misc_feature
398 <222> LOCATION: (1)..(52)
400 <223> OTHER INFORMATION: Synthetic PCR primer used to change codon usage in
recombinant cl
401     ones
405 <400> SEQUENCE: 12
406 gaaggaggtg gggtagccgg ttccgagggt gggtccgggt cccgtgattt tg 52
409 <210> SEQ ID NO: 13
411 <211> LENGTH: 36
413 <212> TYPE: DNA
415 <213> ORGANISM: Artificial sequence
419 <220> FEATURE:
421 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening.
423 <220> FEATURE:
425 <221> NAME/KEY: misc_feature
427 <222> LOCATION: (1)..(36)
429 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
433 <400> SEQUENCE: 13
434 ccctcggaac cggtagccca gctgcttcgt gggccc 36
437 <210> SEQ ID NO: 14
439 <211> LENGTH: 47
441 <212> TYPE: DNA
443 <213> ORGANISM: Bacillus amyloliquefaciens
447 <400> SEQUENCE: 14
448 ctggcgccgg cccagccggc cctgcacagg ttatcaacac gtttgac 47
451 <210> SEQ ID NO: 15
453 <211> LENGTH: 43

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455 <212> TYPE: DNA
457 <213> ORGANISM: Bacillus amyloliquefaciens
461 <400> SEQUENCE: 15
462 ctcggaaccg gtacctctga tttttgtaaa ggtctgataa gcg          43
465 <210> SEQ ID NO: 16
467 <211> LENGTH: 44
469 <212> TYPE: DNA
471 <213> ORGANISM: Gallus gallus
475 <400> SEQUENCE: 16
476 ggcggccag ccggcctttc tctctctgac gaggacttca aggc          44
479 <210> SEQ ID NO: 17
481 <211> LENGTH: 41
483 <212> TYPE: DNA
485 <213> ORGANISM: Gallus gallus
489 <400> SEQUENCE: 17
490 cctcggaacc ggtaccgaag agtcctttct ccttcttgag g          41
493 <210> SEQ ID NO: 18
495 <211> LENGTH: 18
497 <212> TYPE: DNA
499 <213> ORGANISM: Artificial sequence
503 <220> FEATURE:
505 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
507 <220> FEATURE:
509 <221> NAME/KEY: misc_feature
511 <222> LOCATION: (1)..(18)
513 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
517 <400> SEQUENCE: 18
518 tacgccaagc ttgcatgc          18
521 <210> SEQ ID NO: 19
523 <211> LENGTH: 17
525 <212> TYPE: DNA
527 <213> ORGANISM: Artificial sequence
531 <220> FEATURE:
533 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
535 <220> FEATURE:
537 <221> NAME/KEY: misc_feature
539 <222> LOCATION: (1)..(17)
541 <223> OTHER INFORMATION: Synthetic PCR primer used for library constuction
545 <400> SEQUENCE: 19
546 ctgcacctgg gccatgg          17
549 <210> SEQ ID NO: 20
551 <211> LENGTH: 17
553 <212> TYPE: DNA
555 <213> ORGANISM: Artificial sequence
559 <220> FEATURE:
561 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction.
563 <220> FEATURE:
565 <221> NAME/KEY: misc_feature
567 <222> LOCATION: (1)..(17)

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 04/14/2006
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; N Pos. 23,24,29,55,56,81,97,101,102
Seq#:22; N Pos. 18,19,20,21
Seq#:26; N Pos. 14,15,20,46,47
Seq#:31; N Pos. 22,38,42,43
Seq#:34; N Pos. 22,43,44
Seq#:40; N Pos. 9,10,11,12
Seq#:51; N Pos. 19,20,21,22,23,24
Seq#:76; Xaa Pos. 36,38
Seq#:79; Xaa Pos. 1

VERIFICATION SUMMARY

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Input Set : A:\208039-1090 - revised SEQ LIST dos text.txt

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L:26 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:687 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0

M:341 Repeated in SeqNo=21

L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0

L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0

L:1079 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0

L:1193 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0

L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0

L:1801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0

L:2722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32

L:2814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0